

IN THE CLAIMS

Please amend claims as follows:

1. (Thrice Amended) A method for passively damping vibration induced by rolls forming a nip in a paper machine or in a paper finishing device by means of a dynamic damper which comprises the steps of suspending a selected weight from a vibrating system by means of a spring, changing the spring constant of the spring of the dynamic damper and/or the mass of the dynamic damper by means of a control device in order to tune the natural frequency of the dynamic damper, whereby the vibration induced by rolls which are in nip contact is damped by means of the dynamic damper so that the damper is tuned to a frequency that is substantially equal to a multiple of the rotational frequency of the roll that is closest to the natural frequency of the vibrating system, or to a frequency that substantially corresponds to the problematic excitation frequency of the vibrating system.

9. (Thrice Amended) An apparatus for passively damping vibration induced by rolls forming a nip in a paper machine or in a paper finishing device by means of a dynamic damper which comprises a selected weight suspended from a vibrating system by means of a spring, said apparatus further comprising a control device which is arranged to change the spring constant of the spring of the dynamic damper and/or the mass of the dynamic damper in order to tune the natural frequency of the dynamic

damper, wherein the apparatus is fitted to dampen the vibration induced by rolls forming a nip such that the control device is arranged to tune the damper to a frequency that is substantially equal to a multiple of the rotational frequency of the roll that is closest to the natural frequency of the vibrating system, or to a frequency that substantially corresponds to the problematic excitation frequency of the vibrating system.